

Product datasheet for **MC201982**

Ugt3a1 (NM_207216) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt3a1 (NM_207216) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt3a1
Synonyms:	A1746432
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC025940 sequence for NM_207216
 ACAGTGCCTTTGTGACAGAGCCTTACAGGATCCCTTAGTGGAGCACAGCTTTCTAGGTGTGCAACCTGTGC
 CAGGGCTTCACATGTTCTATAGATGGCTGCACATCGGAGTTGGCTTCTTGTGAGCTTCTTTCTCCTTGAG
 GTTCTTCTTTGGAGGCTGCAAAAATCTGACTATATCTACACTGAGTGCCAGTCATTATATACTGATGA
 ACCGTGTGTCGCAAAATCTGCAAGGTGGTGGCCACGATGTAATCAAACCTCTTTATGAAGGTGGTGATAT
 CCCAGATTTTAGAAAGGAAAACATCATACCAGGTTATTAATTGGCGTCTACCTGAAGATCAGCAAAAAG
 ACATTTGAAAATAGATGGCATCGACTTATAGACGAATATGCTTATGGGAGGTCCAAATATCACACCCTAC
 TAAAGATTCATCAATACTTTGCGGACTTATGCAGTCACTTATTAAGCAGAAAGGACATCATGGAGTTATT
 ACAAAAAGGAGAACTTTGACCTAGTACTTCTTGATTCAATGGATCTCTGTTCTTTCTGATTGTTGAAAAG
 CTTGGGAAACGATTTGTGTCCTTTCTTCCCTTTCAATTTAGCTATATGGACTTTGGGTTACCAAACGCC
 CCTTGTCTATGCTCCAGTGTATGGTCTAAGTACCAAATGGACTTTTGGGGCCGAGTGAAGAA
 CATTCTGATGTTCTTTCATTTACCAAGAAGCGAAGGGACATCTTTCTCAATATGGCAATACTGTCCAG
 GAGCATTTTGGGAAGGCTCTCAGCCAGTGTGTCTGACCTTCTACTGAAAGCTGAGCTGTGGTTTGTCA
 ACTCTGACTTTGCCTTGGATTTTGTCTGCTCCCTGTTTCCCAACACAGTCTATGTGGGAGGTTTACTGGA
 CAAACCTGTTGAGCAATACCCCAAGACTTGGAGGATTTTATCTCTCAGTTTGGAGACTCAGGTTTTGTC
 CTTGTGGCCCTGGACTCTGTAGTGAGCATGATTAGTCCAAGGAAATTATTAAGGAGATGAACAGTGCCCT
 TTGCTCACCTCCCTCAAGGGGTGCTATGGACATGTAAGAGTTCTCATTGGCCCAAAGATGTCAGTTTGGC
 CCCAAATGTCAAATCATGGATTGGCTTCCACAGATTGACCTTCTAGCTCACCTAGCATTTCGTCTGTTT
 GTCACCCATGGGGGGATGAACAGTGAATGGAGGCTGTCCATCATGGAGTACCAATGGTAGGGATTCCAT
 TTTTGGAGACCAACCTGAAAACATGGTCCGAGTAGAAGCAAAGAACCTTGGTGTCTTCTATTGAGCTACA
 GACTCAAGGCAGAGTCATTTTTGCTCACCATGAAAGAAGTCATAGAAGACCAGAGGTACAAGACTGCA
 GCAATGGCCTCCAAGGTTATCAGGAACCTCCACCCACTGACCCCTGCCAGAGGCTTGTGGGCTGGATAG
 ATCACATCTTGCAGACAGGGGGTGCAGCACATCTCAAGCCATATGCTTTCCAGCAGCCATGGCATGAGCA
 GTACATGCTGGATGCTTCTCTTCTGTTAGGACTCACACTGGGTACCTTGTGGCTTAGTGTAAGGTT
 CTTGTTGCTGTAACCAGGTATCTGAGTATATCAAGGAAGGTCAAGCAGGCATAATACTGAAATCTGGGC
 TTGTTTCTGGTGTGGTATGGGAGGCTGTGGCTCATCAGAGGCTTCCATAATTCAGTACATAGCAACT
 TTAGCATTCTCTGCCTCCATCTTCTACAGATGCACCTGAATTGGTACCTCACACTTTTGGCTCCTTTGCT
 CCTTGTCTTCTCTTGTGACCTTCTTCTACTTATAGATAGAAACAACCTTGCATCATGTTCTCTCTCTCTC
 ACTCATTTATCTAAACACACTGCTTCAATAGGCTGTGTGCCCTGTGGCTCCTCATGTTCTCTCTCTCT
 TATCCCTTTTATCATTGGGATTAACACCATATTTGTGCATTTTTTCTCTTGTCTTCTCTCTTTTACA
 ATAAACACTCTTTACAGCTCAGAACACCTGCTCTGCCTTACTCCTCTATTTCCCTCAGGCCTGGGCAGCA
 ATCATTCTATATTATACATGAATTTATCTAAGAATGTGTGAAGTAGAAAAATATAATAATTATTGTTTGG
 TAAAAATCAGAATAAAAAATGATATGCAACTGAAATATTATAAGAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_207216
- Insert Size:** 1572 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC025940](#), [AAH25940](#)

RefSeq Size: 2228 bp

RefSeq ORF: 1572 bp

Locus ID: 105887

UniProt ID: [Q3UP75](#)

Cytogenetics: 15 A1

Gene Summary: UDP-glucuronosyltransferases catalyze phase II biotransformation reactions in which lipophilic substrates are conjugated with glucuronic acid to increase water solubility and enhance excretion. They are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds (By similarity).
[UniProtKB/Swiss-Prot Function]